

#### Abstract of the Disclosure

An indicator indicating the direction of a diffraction grating pattern is provided on a chip so that the direction of the pattern can be accurately determined. The indicator includes an anisotropic shape of the chip and the formation of a marking-off line or a mark on the chip, allowing the direction of the diffraction grating pattern to be determined from the external appearance of the chip. As a result, the chip can be mounted on a sample base while accurately determining the direction of the diffraction grating pattern, thus allowing a calibration operation to be performed accurately and reliably.